



# Kesava Sushanth

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## Profile

Research-driven and detail-oriented student at Koneru Lakshmaiah University with expertise in IoT, AI, and renewable energy forecasting. Skilled in applying machine learning and data analysis to develop innovative, sustainable solutions. Demonstrated leadership as Vice president & Treasurer at VEDA, Co-Lead of KL Researchers Club, effectively managing projects and financial resources. Recognised for driving innovation through impactful projects and fostering collaboration in tech and research communities. Committed to blending technical knowledge with strategic planning to support sustainability and organisational growth.

## Employment

**Vice President & Treasurer** Jan 2025 – Present

KL University, Vijayawada

Oversee financial planning, budgeting, and resource allocation for all club activities and events as Treasurer of VEDA, ensuring transparency and accountability in transactions.

**Volunteer** Oct 2024 – Oct 2025

KL University, Vijayawada

Supported event coordination at IoT Tech Expo 2023 organized by BES-II Department, KL University, enhancing participant support and showcasing innovative IoT projects, driving success of major tech exhibition

**Co-lead** Jul 2024 – Jan 2025

KL University, Vijayawada

Coordinate cross-functional teams to ensure seamless execution of research projects and events as Co-Lead of KL Researchers Club.

## Internships

**AI/ML Research Intern on Wind Energy** Aug 2025 – Oct 2025

Ministry of New and Renewable energy, Chennai

- Developed machine learning models to predict wind energy output using historical weather data and turbine performance metrics.
- Implemented data preprocessing pipelines to clean and normalise large datasets collected from wind turbines.
- Analyzed data from wind farms to identify patterns affecting turbine efficiency and maintenance schedules.

**Software developer Intern** May 2025 – Jul 2025

Bluestock fintech, remote

## Personal details

Nationality

Indian

Website

[github.com/sushanth-kesava](https://github.com/sushanth-kesava)

LinkedIn

[linkedin.com/in/kesava-sushanth-59819b2a7](https://linkedin.com/in/kesava-sushanth-59819b2a7)

## Education

**B.Tech | Computer Science and Engineering, Bachelor of Business Administration, Digital Marketing and Automation**

KL University, Vijayawada

Jun 2023 – Present

- GPA: 9.12 (Current)

**Senior Secondary MPC**

Board of Intermediate Education (BIEAP), Sri Sarada Educational Institutions

Jan 2023

- Percentage: 84.2

**Secondary| 10th**

Board Of Secondary Education Andhra Pradesh, Ravindra Bharathi Public School

Jan 2021

- Percentage : 98

## Skills

MacOS, Windows, Linux

Git/GitHub

data analytics and visualization

- Developed and tested web applications using JavaScript, HTML, and CSS, improving user interface functionality and responsiveness.
- Collaborated with a team of developers to design and implement RESTful APIs using Node.js and Express, enhancing backend services efficiency.
- Participated in code reviews and debugging sessions to maintain code quality and improve software performance.

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#### Web Developer Intern

Apr 2025 – Jun 2025

Eduskills, remote

- Developed and maintained responsive websites using HTML, CSS, and JavaScript to enhance user experience and engagement.
- Optimized website performance by identifying and fixing bugs, resulting in a 20% faster page load time.

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## Projects

#### Wind Power Forecasting using ML&DL Techniques

Aug 2025 – Oct 2025

An ML & DL Model used to improve Wind Power Forecasting

*MNRE Internship Project*

Developed predictive models (ARIMA, XGBoost, CNN-LSTM) for accurate wind energy forecasting. Improved grid scheduling efficiency and renewable energy utilization through data-driven insights.

#### SmartBreeze

Aug 2023 – Jul 2024

AI based Cooler Stand

SmartBreeze is an AI-powered air cooling solution that adapts in real time to occupants' positions, ensuring efficient and consistent airflow for optimal comfort. It is protected under Intellectual Property India, ensuring exclusive rights to its unique visual and structural design, design patent number 415552-001

#### AgriGrow

Jun 2023 – Feb 2024

An agriculture-based e-commerce website

AgriGrow is an agriculture-based e-commerce website that connects farmers, agricultural students, industries, and consumers on a single platform. The website is built using HTML5, CSS, and JavaScript, team lead, and Canva UI designer

## Achievements

**SmartBreeze**, AI-Based Cooler Stand, Design Patented Secured with 415552-001 [certificate](#)

**AIC ALEAP WEHUB – Hackathon**, AgriGrow is selected for final round of hackathon conducted by Atal incubation center & ALEAP WEHUB [certificate](#)

**Hackmol 6.0**, A National-level 36 hours Technical Hackathon, NIT, Jalandhar, Punjab, India [certificate](#)

**ICANEA-2024**, An international conference ICANEA-2024 conducted by iNSERB & DST PURSE & dept of physics, KL University, Vijayawada [certificate](#)

Visual Studio Code proficiency

JavaScript and React

Project management skills

MongoDB expertise

Machine learning techniques

HTML5 and CSS

Hadoop framework

Web design and UI/UX

C and C++ programming

AWS Cloud practitioner

Full-stack development

Web development practices

Database management

Arduino IDE

Salesforce AI Associate

Financial analysis and consulting

Event management strategies

Planning and execution

Team leadership and management

Canva design expertise

## Languages

English



Telugu



Hindi



Tamil

